

INTERNATIONAL SEARCH REPORT

PCT/FR2004/000157

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16H63/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 802 600 A (RENAULT) 22 June 2001 (2001-06-22) cited in the application figure 1	1
A	US 4 430 904 A (FOGELBERG MARK J) 14 February 1984 (1984-02-14) figure 1	1
A	US 4 060 005 A (BOST JEAN REMY) 29 November 1977 (1977-11-29) figures 2,3	1
A	DE 100 11 272 C (DAIMLER CHRYSLER AG) 23 August 2001 (2001-08-23) figures 1,2	1
-/-		

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *Z* document member of the same patent family

Date of the actual completion of the international search

29 June 2004

Date of mailing of the international search report

09/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 307 624 A (MYLENEK CHESTER) 29 December 1981 (1981-12-29) figure 3	1
A	DE 101 33 695 A (LUK LAMELLEN & KUPPLUNGSBAU) 7 March 2002 (2002-03-07) figure 23	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/FR2004/000157

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2802600	A	22-06-2001	FR 2802600 A1	22-06-2001
US 4430904	A	14-02-1984	CA 1170860 A1	17-07-1984
			DE 3231428 A1	10-03-1983
			JP 58042852 A	12-03-1983
US 4060005	A	29-11-1977	FR 2322307 A1	25-03-1977
			DE 2633730 A1	03-03-1977
			GB 1551414 A	30-08-1979
			IT 1062147 B	25-06-1983
DE 10011272	C	23-08-2001	DE 10011272 C1	23-08-2001
US 4307624	A	29-12-1981	DE 3167019 D1	13-12-1984
			EP 0035223 A2	09-09-1981
			MX 151923 A	03-05-1985
DE 10133695	A	07-03-2002	DE 10133695 A1	07-03-2002
			BR 0102931 A	23-07-2002
			FR 2817603 A1	07-06-2002
			JP 2002089594 A	27-03-2002
			US 2002033059 A1	21-03-2002
			WO 02066870 A1	29-08-2002
			DE 10206561 A1	24-10-2002
			DE 10290628 D2	15-04-2004
			FR 2821409 A1	30-08-2002
			GB 2389880 A	24-12-2003
			IT MI20020366 A1	22-08-2003
			NO 20033111 A	23-10-2003
			JP 2002267011 A	18-09-2002